

# Abstract

Methods, apparatus, and systems for optimized digital photo management include an optimized digital photo management user interface, referred to as the photo-journal UI (PJUI), a client application with a photo-journal UI for general purpose personal computers (of any form factor), referred to as a photo-journal application, a dedicated portable client device with a small-screen optimized photo-journal UI, referred to as a photo-tablet, and a companion server for either photo-journal client platform, referred to as a tablet-server. Thus, the photo-tablet and the photo-journal application are alternative photo-journal client embodiments with different variations of the same photo-journal user interface architecture. The photo-tablet is designed to be an intermittently connected Internet-appliance. In the photo-tablet, the small-screen optimized PJUI runs entirely on the photo-tablet, even for actions involving the server. Thus the photo-tablet does not require a separate personal computer, web-browser, or other Internet access means. The photo-journal application client isolates the lay user from computer-centric technical details. The photo-journal application client also may be configured for intermittent (deferred) access. User requests for network services (e.g., printing) are queued in either photo-journal client until the next connection. When a photo-journal client is connected to the Internet, it finds a tablet-server, identifies itself, uploads any new photos, and uploads any orders for prints or other services. Photo-journal client software is automatically updated by the server to track changes in features and options. Photos that have been added to the tablet-server from other sources, such as a film processing and scanning provider or a PC, are automatically downloaded to the photo-journal client.